

PAGE OF

PHONE (724) 463-TEST
FAX (724) 465-4209

pH: 7.46

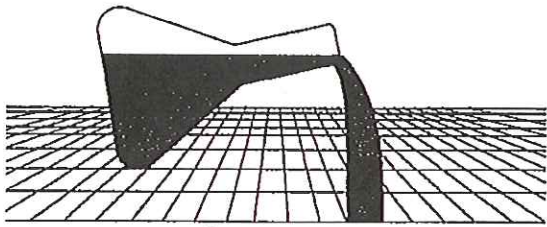
Dissolved Oxygen: 50.3 ~~µg/L~~ ^{% saturation}

Hydrogen Sulfide: 0.03 ~~µg/L~~ ^{HAT}

[Project Notes:

Company/Name:	Moody & Associates, Inc.
Address:	Foxpointe Centre Bldg 2, Suite 101 199 Johnson Road Houston, PA 15342
Contact Person:	Ms. Heather Freeman Mr. Bill Wright
Phone Number:	(724) 746-5200 (724) 350-9123 (Bill's cell)
Fax Number:	(724) 746-5603

CHAIN OF CUSTODY SEAL BROKEN: Yes No



ENVIRONMENTAL SERVICE LABORATORIES, INC.

303 Philadelphia Street, Indiana, PA 15701
(724)-463-TEST FAX (724)-465-4209

Report of Analysis

Sample Name: Moody & Associates, Inc. (Houston Office)
Foxpointe Centre Building 2, Suite 101
199 Johnson Road
Houston, PA 15342
Sample ID#: 09 31485
Sample Type: Water
Sample Source: Grab
Sampler: CLIENT (Client)
Client Sample ID: Morris Run Shaft
Sample Start Date: 10/27/2009 11:00 AM
Receipt Date: 10/29/2009 9:54 AM
Report Date: 11/17/2009

Analyte	Analyst	Analysis Date	Sample Result	Units	Method	RPL
Hydrogen Sulfide	Client	10/27/2009	0.0	mg/l	Draiger Tube	0.2
Chloride	ZTR	11/11/2009	3632.2	mg/l	SM4500CIC	1.0
pH (SM)	LL	10/29/2009	7.49	SU	SM 4500H-B	0.01
Barium - ICP	DRM	11/15/2009	5.570	mg/l	200.7/6010	0.050
Hardness	GJT	11/04/2009	509	mg/l	SM2340B	5
Iron - ICP	GJT	11/04/2009	61.486	mg/l	200.7/6010	0.010
Magnesium-ICP	GJT	11/04/2009	44.163	mg/l	200.7/6010	0.500
Manganese - ICP	DRM	11/15/2009	0.580	mg/l	200.7/6010	0.050
Sodium - ICP	GJT	11/04/2009	1956.400	mg/l	200.7/6010	50.000
% Saturation	Client	10/27/2009	50.3	%	Field	0.00
Specific Gravity	CLM	11/03/2009	0.9896	none	SM2710F	0.0000
Total Organic Carbon	JH	10/30/2009	10.00	mg/l	SM5310C	5.00
pH- Field	Client	10/27/2009	7.46	SU	SM 4500B-B	0
Specific Conductance	LL	10/29/2009	9790	uS/cm	SM 2510B	1
Total Dissolved Solids (TDS)	ALD	10/30/2009	5112	mg/l	SM2540C	25

Comments: Sample centrifuged prior to TOC analysis. JH 11/3/09 D.O. analyzed as % Saturation by client (MJM 11/17/09)

ND=Not Detected

Note: DEP Certification #s 32-00382

Qualifier: D = The reported value is from dilution. E = Estimated value. S = Surrogate out of control limits.
R = Sample received out of holding time. H = Sample analyzed out of holding time. C = Sample received in incorrect container.
B = Analyte was detected in both sample and methods blank. X = User defined data qualifier.



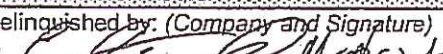
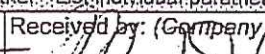

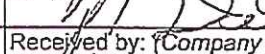
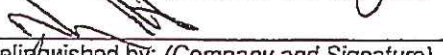
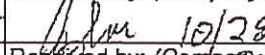
199 Johnson Road
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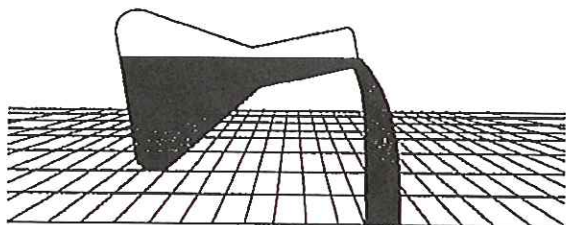
CHAIN OF CUSTODY/FIELD DATA RECORD

3895

[illegible]

Special Instructions: REPORT COFC 3895 separately from Environmental Services
LABORATORY COFC.

Sample Type:	G = Grab Sample C = Composite Sample D = Discharge Water O = Other	Treatment?	B = Sampled before A = Sampled after N = No treatment	Analysis:	WA = pH, Alkalinity, Acidity, Specific Cond., Sulfates, Total Iron, Total Manganese (Inventory wells - min.) Codes: WB = WA + Total Suspended Solids and Total Aluminum (Inventory streams, springs, discharges - min.) WC = WB + Hardness, Total Coliform and E-coli Bacteria (Premining surveys) WX = Other - List individual parameters
Relinquished by: (Company and Signature)		Date/Time:	10/27/09 1415	Received by: (Company and Signature)	 10/27/09 1415
Relinquished by: (Company and Signature)		Date/Time:	10-28-09 1345	Received by: (Company and Signature)	 10/28/09 1345
Relinquished by: (Company and Signature)		Date/Time:	10/28/09 152	Received by: (Company and Signature)	 10-29-09 0950



ENVIRONMENTAL SERVICE LABORATORIES, INC.

1803 Philadelphia Street, Indiana, PA 15701
(724)-463-TEST FAX (724)-465-4209

Report of Analysis

Name:	Moody & Associates, Inc. (Houston Office) Foxpointe Centre Building 2, Suite 101 199 Johnson Road Houston, PA 15342	Sample ID#:	09 31481
Sample Start Date:	10/27/2009 11:00 AM	Sample Type:	Waste Water
Receipt Date:	10/29/2009 9:39 AM	Sample Source:	Grab
Report Date:	11/12/2009	Sampler:	CLIENT (Client)
		Client Sample ID:	Morris Run Shaft

Analyte	Analyst	Analysis Date	Sample Result	Units	Method	RPL
Acidity to pH=8.3	BF	11/04/2009	ND	mg/l as CaCO ₃	SM2310B	2
Alkalinity to pH=4.5	JS	11/09/2009	937	mg/l as CaCO ₃	SM2320B	20
Biological Oxygen Demand 05	SZC	11/02/2009	29.8	mg/l	SM5210B	2.0
Ammonia as N / Distilled	AJD	11/06/2009	ND	mg/l	SM4500NH3B & D	0.97
Kjeldahl Nitrogen as N	AJD	11/06/2009	ND	mg/l	SM4500Norg-C,D	0.5
Phosphorus-Total (P)	AJD	10/29/2009	ND	mg/l	SM4500P-E	0.10
Sulfate ASTM	LMB	11/05/2009	ND	mg/l	D516-02	5
Total Nitrate + Nitrite as N	MAD	11/05/2009	ND	mg/l	SM4500NO3E	0.05
Calcium - ICP	GJT	11/04/2009	117.112	mg/l	200.7/6010	0.500
Strontium - ICP	GJT	11/04/2009	10.300	mg/l	200.7/6010	1.000
Ethylene Glycol	AmerWe	11/10/2009	ND	mg/kg	300.0 M	5.000

Comments: Dilutions utilized for BOD analysis did NOT meet the laboratories acceptance criteria of at least 2 mg/L DO depletion (loss). Ethylene Glycol subcontracted to Metrohm-Peak

ND=Not Detected

Note: DEP Certification #s 32-00382

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